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P. 1

JUL 01 2004

HEWLETT-PACKARD COMPANY  
Intellectual Property Administration  
P. O. Box 272400  
Fort Collins, Colorado 80527-2400

**PATENT APPLICATION**

ATTORNEY DOCKET NO. 10014331-1

**IN THE  
UNITED STATES PATENT AND TRADEMARK OFFICE**

Inventor(s): Nickel et al.

Confirmation No.: 8644

Application No.: 09/925,755

Examiner: Douglas A. Wille

Filing Date: August 9, 2001

Group Art Unit: 2814

Title: MULTI-BIT MAGNETIC MEMORY CELLS

Mail Stop Amendment  
Commissioner For Patents  
PO Box 1450  
Alexandria, VA 22313-1450

**TRANSMITTAL LETTER FOR RESPONSE/AMENDMENT**

Sir:

Transmitted herewith is/are the following in the above-identified application:

- |                                                        |                                                             |
|--------------------------------------------------------|-------------------------------------------------------------|
| <input checked="" type="checkbox"/> Response/Amendment | <input type="checkbox"/> Petition to extend time to respond |
| <input type="checkbox"/> New fee as calculated below   | <input type="checkbox"/> Supplemental Declaration           |
| <input checked="" type="checkbox"/> No additional fee  |                                                             |
| <input type="checkbox"/> Other: _____                  | (fee \$ _____)                                              |

CLAIMS AS AMENDED BY OTHER THAN A SMALL ENTITY						
(1) FOR	(2) CLAIMS REMAINING AFTER AMENDMENT	(3) NUMBER EXTRA	(4) HIGHEST NUMBER PREVIOUSLY PAID FOR	(5) PRESENT EXTRA	(6) RATE	(7) ADDITIONAL FEES
TOTAL CLAIMS		MINUS		= 0	X \$18	\$ 0
INDEP. CLAIMS		MINUS		= 0	X \$86	\$ 0
<input type="checkbox"/> FIRST PRESENTATION OF A MULTIPLE DEPENDENT CLAIM					+ \$290	\$ 0
EXTENSION FEE	1ST MONTH \$110.00	2ND MONTH \$420.00	3RD MONTH \$950.00	4TH MONTH \$1480.00		\$ 0
OTHER FEES						\$
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT						\$ 0

Charge \$ 0 to Deposit Account 08-2025. At any time during the pendency of this application, please charge any fees required or credit any overpayment to Deposit Account 08-2025 pursuant to 37 CFR 1.25. Additionally please charge any fees to Deposit Account 08-2025 under 37 CFR 1.16, 1.17, 1.19, 1.20 and 1.21. ~~A duplicate copy of this sheet is enclosed.~~

Respectfully submitted,

Nickel et al.

By

Hugh P. Gortler

Attorney/Agent for Applicant(s)  
Reg. No. 33,890

Date: 7/1/2004

☒ hereby certify that this paper is being transmitted  
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PATENT  
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In re Application of:  
Nickel et al.

: Confirmation No. 6644

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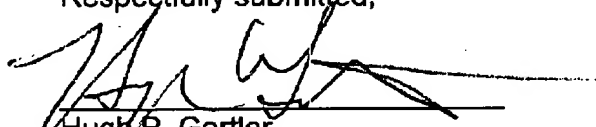
For: MULTI-BIT MAGNETIC MEMORY CELLS

Mail stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Arlington, VA 22313-1450


RESPONSE

This is a response to the office action dated May 21, 2004. The response includes a section for amendments to the specification, a section for amendments to the claims, and a section for remarks.

Respectfully submitted,

  
Hugh P. Gortler  
Reg. No. 33,890

I hereby certify that this correspondence is being facsimile transmitted to the United States Patent and Trademark Office on July 1, 2004.

  
Hugh P. Gortler

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Intellectual Property Administration  
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Date: July 1, 2004